



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)


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[Newsletter](#)
[E. Iowa DX Bulletin](#)
[Buy-Sell-Trade](#)
[DXCC Card Checking](#)
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The Eastern Iowa DX Bulletin

Number 215, March 29, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

Dr. Tony Phillips' [SpaceWeather.com](http://www.SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

30 Mar 2024 2316 GMT
 SFI:140 SN: 48
 A-Index: 6
 K-Index: 0
 X-Ray: M4.3
 304Å: 147.3 @ SEM
 Ptn Flx: 78
 Elc Flx: 6150
 Aurora: 3/n=1.99
 Mag (Bz): -3.1
 Solar Wind: 428.2
 Geomag Field **INACTIVE**
 Sig Noise Lvl **S0-S1**
 Current Solar Image



<http://www.n0nbh.com>
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DX News

3A, MONACO. Jim, K6EI will be QRV as **3A/K6EI** from **April 1st to 6th**. Activity will be on 40 to 10 meters using primarily FT8, FT4, and some CW, with QRP power. QSL direct to [K6EI](#).

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

3B8, MAURITIUS. Johann, DM7CW is QRV as **3B8/DM7CW** from Condos Quatre Bornes **until April 10th**. Activity is on 40 to 10 meters using CW, SSB, and various digital modes. QSL via LoTW.

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0412)

3D2, FIJI. Dom, 3Z9DX is QRV as **3D2AJT** from Nadi until April 30th. QSL via [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0503)

3W, VIET NAM. Alex, KU1CW plans to be QRV as **3W9A** in the CQ WW WPX SSB Contest (March 30th-31st). QSL via LoTW.

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

5R, MADAGASCAR. Eric, F6ICX is QRV as **5R8IC** until March 31st. Activity is holiday style on 40 to 10 meters using mainly CW with low power. The last two weeks here will be spent being active on Satellite QO-100. QSL direct to [F6ICX](#).

-[ARRL DX Bulletin # 5 February 1, 2024] (0202-0405)

6W, SENEGAL. Willy, ON4AVT will be QRV as **6W7/ON4AVT** from Warang from February 3rd to April 16th. Activity is on 80 to 10 meters using SSB and various digital modes, and on Satellite QO-100. QSL to [ON4AVT](#), [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 5 February 1, 2024] (0202-0419)

A6, UNITED ARAB EMIRATES. Special event callsign **A6ØWAAD** will be active on April 1st-8th for World Autism Awareness Day. QSL via [EA7FTR](#).

Also expect activity by **A6ØWAAD/Ø**, **A6ØWAAD/1**, etc. See <https://www.qrz.com/db/A6ØWAAD> for the QSL routes for the various suffix extensions.

-[425DXN # 1717 March 30, 2024] (0329-0412)

C6, BAHAMAS. Jay, WA1JAY, pays a visit to Paradise Island (NA-001) from March 15th to April 2nd. QRV as **C6A/WA1JAY** on HF (SSB, FT4/8) and via FM satellites. QSL via [ClubLog's OQRS](#) and LoTW.

-[DXNL # 2397 March 13, 2024] (0315-0405)

CARIBBEAN TOUR. Mike, DF8AN, tours the Caribbean according to the following schedule:

FS/DF8AN, ST. MARTIN, March 29th-30th

VP2V/DF8AN, BRITISH VIRGIN IS. March 30th to April 5th

V26MN, ANTIGUA & BARBUDA, April 5th-9th

VP2MMN, MONTserrat, April 9th-17th

V26MN, ANTIGUA & BARBUDA, April 17th-19th

QRV on 160-6m, mostly on FT8 (1839, 3570, 5357, 7056, 10133, 14095, 18097, 21095, 24925, 28095 kHz), some RTTY and CW. QSL via [DF8AN](#), no LoTW.

-[DXNL # 2399 March 27, 2024] (0329-0419)

CE, CHILE. Members of the Antofagasta DX Group will be QRV as **CB7H** in the Los Lagos region during the CQ WW WPX SSB Contest (March 30th-31st). QSL via [XQ1KN](#).

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0419)

CEØZ, JUAN FERNANDEZ IS. Felipe, CE3SX will be active as **CBØZIX** from Juan Fernandez from March 21st to April 4th. He will be QRV almost exclusively on 6 meters SSB and FT8 (F/H). QSL via LoTW; traditional QSL cards will not be available.

-[425DXN # 1716 March 23, 2024] (0322-0405)

CE9, ANTARCTICA. There is a new operator at the Japanese base Showa, (Queen Maud Land - Prince Harald and Crown Prince Olav Coasts) group (AN-015) who will be active as **8J1RL**. QRV until November on 40-10m with 50W, mostly on FT8. For more information see: <http://polaris.nipr.ac.jp/~webcam/> and http://www.jarl.or.jp/Japanese/2_Joho/2-6_stations/8j1rl/8j1rl-index.html. QSL via JARL bureau.

-[DXNL # 2397 March 13, 2024] (0315-0405)

CE9, ANTARCTICA. Alex, UG1A, Ivan, UB1AQB, and Zahar (ex-UH4NAE) activate Vostok base until the end of March as **RI1ANC**. QSL via [RN1ON](#).

-[DXNL # 2395 February 28, 2024] (0301-0405)

CO, CUBA. Members of the Camaguey DX Group will be QRV as **T47C** and **CO9JAB** from Cayo Romano (NA-086) from **March 29th to 31st**. Activity will be on 80 to 10 meters using CW, SSB, and various digital modes. QSL direct to IK2DUW.

-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0405)

CU, AZORES. Holger, DL6ED, and Mario, DM4MN, operate holiday style as **CT8/DL6ED** and **CT8/DM4MN**, respectively, from **March 28th to April 2nd** and as **CR2M** during the CQ WW WPX SSB Contest (March 30th-31st). QSL via home calls and LoTW.

-[DXNL # 2399 March 27, 2024] (0329-0405)

DL, GERMANY. Celebrating World Amateur Radio Day, DARC special event callsign **DA24WARD** will be active on **April 1st-30th**. All QSOs will be confirmed automatically via the bureau; direct cards via DL2VFR.

-[425DXN # 1717 March 30, 2024] (0329-0503)

DL, GERMANY. The special event callsign **DAØRC** will be active around the FunkTag 2024 exhibition. QRV **until April 27th** with the special DOK FTK24. Sending a card is not necessary, as there will be an automatic bureau service and confirmations via the DARC's DCL system. Direct cards go only via DL2VFR.

-[DXNL # 2396 March 6, 2024] (0308-0426)

DL, GERMANY. DARC Team SES will be active as **DL75AFUG**, **DL75AFUV** and **DP75AFUG** from **March 1st until April 30th** to mark the 75th anniversary of the first Amateurfunkgesetz (AfuG), the German amateur radio regulations that came into force on March 23, 1949. A certificate will be available, see <https://www.qrz.com/db/DP75AFUG> for information. QSL automatically via the bureau, or direct to DL2VFR.

-[425DXN # 1713 March 2, 2024] (0301-0426)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of March 29, 2024:

1. P5 DPRK (North Korea)	11. 3Y/B Bouvet Island
2. BS7H Scarborough Reef	12. ZS8 Prince Edward & Marion Islands
3. CEØX San Felix Islands	13. KH4 Midway Island
4. BV9P Pratas Island	14. VKØM Macquarie Island
5. KH7K Kure Island	15. PYØS Saint Peter And Paul Rocks
6. KH3 Johnston Island	16. KP5 Desecheo Island
7. FT/G Glorioso Island	17. VPØS South Sandwich Islands
8. 3Y/P Peter 1 Island	18. KH5 Palmyra & Jarvis Islands
9. FT5/X Kerguelen Island	19. ZL9 New Zealand Subantarctic Islands
10. YVØ Aves Island	20. FK/C Chesterfield Islands

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF March 29, 2024] (0329-0412)

EA, SPAIN. The Union de Radioaficionados Espanoles, Spain's IARU member society, was founded on April 1, 1949. Celebrating URE's 75th anniversary, a month-long activity will take place from **April 1st to 30th**. Look for AO75URE and 18 other special stations representing the Autonomous Communities and Autonomous Cities of the country:

AO75AN Andalucia	AO75GA Galicia
AO75AR Aragon	AO75IB Islas Baleares, EA6
AO75CA Cantabria	AO75IC Islas Canarias, EA8
AO75CL Castilla y Leon	AO75LR La Rioja
AO75CM Castilla-La Mancha	AO75MA Madrid
AO75CT Cataluna	AO75MC Melilla and Ceuta, EA9
AO75CV Comunidad Valenciana	AO75MU Murcia
AO75EU Euskadi i.e. Basque Country	AO75NA Navarra
AO75EX Extremadura	AO75PA Principado de Asturias

In addition, **CQ75URE** will be active from Portugal. A large number of awards will be available: see <https://75aniversario.ure.es> for detailed information, log search and OQRS (to be activated after April 30).

-[425DXN # 1716 March 23, 2024] (0329-0503)

ER, MOLDOVA. Special callsign **ER3ØARM** celebrates the 30th anniversary of the Amateur Radio Society of Moldova (ER1KAA). Look for activity from March 20th to April 30th. QSL via the bureau, direct to [ER3ØARM](#), and LoTW.
-[425DXN # 1716 March 23, 2024] (0322-0503)

EX, KYRGYZSTAN. Bob, DU7ET is currently QRV as **EXØET**. Activity is on 40 to 10 meters, and possibly 160 meters, using mostly CW. QSL direct to [DU7ET](#).
-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0412)

F, FRANCE. Philippe, EA4NF and Jerome, F4DXV will be active as **TM4J** from Noirmoutier Island (EU-064) on **April 1st-4th**. This will be a satellite only operation (https://twitter.com/TM4J_SAT). QSL via [EA4NF](#) and LoTW.
-[425DXN # 1715 March 16, 2024] (0329-0405)

F, FRANCE. Celebrating the 135th anniversary of the official inauguration of the Eiffel Tower (March 31, 1889), Michel, F8GGZ will be active as **TM135TE** on **March 24th-31st**. QSL via the bureau.
-[425DXN # 1715 March 16, 2024] (0322-0405)

FG, GUADELOUPE. Bert, FG8OJ and Jean-Luc, F1ULQ are QRV as **TO1Q** from Sainte-Anne **until April 8th**. Activity is on 80 to 6 meters, including some Satellite activity. They will be a Multi Op/Single Band on 10 meter entry in the CQ WW WPX SSB Contest (March 30th-31st). QSL via [F1ULQ](#), LoTW.
-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0412)

FH, MAYOTTE. Marek, FH4VVK will be active as **TO4VV** from Pamandzi, Mayotte (AF-027) on **March 23rd-31st**, and again on **April 6th-7th**, **13th-14th** and **20th-21st**. QSL via [ClubLog's OQRS](#) and LoTW.
-[425DXN # 1714 March 9, 2024] (0322-0426)

FH, MAYOTTE. Ros 4Z5LA, Ruben 4Z5FI and Slava 4Z5MU will be active on various bands and modes as **TO5LA** from Mayotte (AF-027) from **March 28th to April 2nd**. They will participate in the CQ WW WPX SSB Contest (March 30th-31st). QSOs will be uploaded to ClubLog and LoTW. QSL via [4Z5FI](#).
-[425DXN # 1713 March 2, 2024] (0322-0405)

FM, MARTINIQUE. Miguel, EA1BP will be active holiday style as **FM/EA1BP** from Martinique (NA-107) from **March 23rd to April 1st**. He will participate in the CQ WW WPX SSB Contest (March 30th-31st) as **TO7O**. QSL via LoTW, or via [EA1BP](#).
-[425DXN # 1716 March 23, 2024] (0322-0405)

FO/A, AUSTRAL I. Haru, JA1XGI will be active as **TX5XG** from Raivavae (OC-114), Austral Islands from **March 27th to April 3rd**. He will operate mainly CW ("FT8 operation is the second choice", he says) on 40-6 meters, and will especially look for DX via Satellite IO-117. See <https://australvacation.amebaownd.com> for more information. QSL via LoTW, [ClubLog's OQRS](#), or via [JA1XGI](#).
-[425DXN # 1713 March 2, 2024] (0322-0405)

H4, SOLOMON IS. Bernhard, DL2GAC will be active again as **H44MS** from Malaita (OC-047), Solomon Islands from around **February 10th until April 25th**. He will be QRV daily, with activity on 160-6 meters SSB and some FT8. He will upload his log to ClubLog and LoTW. QSL via [DL2GAC](#), direct or bureau.
-[425DXN # 1707 January 20, 2024] (0209-0426)

HA, HUNGARY. Special call sign **HG24TISZA** will be QRV as a Single Op/All Band/High Power entry in the CQ WW WPX SSB Contest (**March 30th-31st**). QSL via [HA7VK](#).
-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

HB, SWITZERLAND. Special callsign **HB5ØVC** celebrates the 50th anniversary of the Radio Amateur Club Swissair (HB9VC) from **March 18th to December 31st**. QSOs will be uploaded to LoTW; QSL cards will not be provided, but a certificate will be available for download: <https://award.dl1run.de/award/hb50vc/awardform.html>
-[425DXN # 1717 March 30, 2024] (0329-0419)

HBØ, LIECHTENSTEIN. Rene, DL2JRM and HB9EHJ sign **HBØ/DL2JRM** from **March 29 to April 1**, including the CQ WW WPX SSB Contest (March 30th-31st).
-[DXNL # 2399 March 27, 2024] (0329-0405)

HI, DOMINICAN REPUBLIC. Jean, VA2VKG, will be active as **HI8/VA2VKG** from **March 15th until April 12th** on 40, 20, and 10m (CW, SSB). QSL via [VA2VKG](#).
-[DXNL # 2397 March 13, 2024] (0315-0412)

HI, DOMINICAN REPUBLIC. Special callsign **HI18ØRD** celebrates the 180th anniversary since the Dominican Republic declared its independence from Haiti (February 27, 1844). Look for activity on all bands and modes beginning **February 27th until April 30th**. Some 25 operators from five radio clubs will be part of the event. A certificate will be available, see <https://independencia2024.org/> for information.
-[425DXN # 1713 March 2, 2024] (0301-0503)

HV, VATICAN. Look for **HVØA** to be QRV on **March 30th** beginning around 0800z. Activity will be on several HF bands using only CW. QSL direct to [IKØFVC](#).
-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

I, ITALY. Special callsign **II1GM** will be used on **April 1st-30th** to celebrate the 150th anniversary of the birth of Guglielmo Marconi. Various operators will be QRV from different call areas (e.g. **II1GM/1**, **II1GM/2**, **II1GM/ISØ**, **II1GM/IT9**, etc.). See <https://www.qrz.com/db/II1GM> for more information. QSL via eQSL, or direct to [IK1VHX](#).
-[425DXN # 1717 March 30, 2024] (0329-0503)

I, ITALY. Launched in 1904, the "Elettra" was a two-masted steam yacht that Guglielmo Marconi used as a floating laboratory. Members of ARI Loano (IQ1LA) & Marconi Club will be active as **IY1EY** on **April 1st-14th** to memorialize the experiments conducted in the Ligurian Sea between 1919 and 1936. QSL via [IQ1LA](#).
-[425DXN # 1716 March 23, 2024] (0329-0419)

I, ITALY. Members of ARI Venezia (IQ3VE) will be active as **IR3POLO** from **April 1st to June 30th**. The special callsign commemorates the 700th anniversary since the death of Marco Polo, the Venetian merchant and explorer who travelled through Asia along the Silk Road (1271-1295). All QSOs will be confirmed automatically via the bureau.
-[425DXN # 1716 March 23, 2024] (0329-0630)

I, ITALY. Special callsign **II4CLM** will be active on **April 1st-30th** in celebration of the 150th anniversary of the birth of Guglielmo Marconi. Joining the celebrations will be **IY4FGM** (the amateur radio station at the Guglielmo Marconi Foundation) and the club stations of the 17 ARI branches in the Emilia-Romagna region (namely **IQ4AD**, **IQ4AX**, **IQ4BQ**, **IQ4DJ**, **IQ4FA**, **IQ4FC**, **IQ4FD**, **IQ4FE**, **IQ4FH**, **IQ4FJ**, **IQ4HI**, **IQ4LH**, **IQ4PI**, **IQ4RA**, **IQ4RE**, **IQ4RN** and **IQ4SC**). Further information, including real time log search, can be found on <https://www.150marconi.org/>. QSL via the bureau.
-[425DXN # 1715 March 16, 2024] (0329-0503)

I, ITALY. Members of ARI Sondrio (IQ2UL) will operate special event station **II2AUT** from **March 25th to May 7th** for the World Autism Awareness Day. Back in 2007 the United Nations General Assembly declared April 2nd as World Autism Awareness Day to highlight the need to help improve the quality of life of autistic individuals so they can lead full and meaningful lives as an integral part of society. QSOs will be uploaded to ClubLog. QSL via the bureau and eQSL.
-[425DXN # 1715 March 16, 2024] (0322-0510)

I, ITALY. Special callsign **IY9MM** will be active on **March 1st-31st** to memorialize the experiments conducted by Guglielmo Marconi from the ship "Regina Elena" in the port of Augusta (March 9, 1914). QSL via LoTW, eQSL, or direct to [IT9MRM](#).

-[425DXN # 1712 February 24, 2024] (0301-0405)

J8, ST. VINCENT. Kevin, W1DED, will be active as **J8NKI** from Bequia Island (NA-025) from **March 23rd to April 1st**. Activity is on the HF bands. This includes being an entry in the upcoming CQ WW WPX SSB Contest (March 30th-31st). QSL to [W1DED](#), LoTW.

-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0405)

OE, AUSTRIA. The special event station **OE4ØWO** remains active **until April 4th**, celebrating the 40th anniversary of the Wolfsberg chapter of Austria's national club. QSL via [OE8XDX](#).

-[DXNL # 2399 March 27, 2024] (0329-0405)

OE, AUSTRIA. Special event station **OE1ØØRADIO** is active **until December 31st** to celebrate the 100th anniversary since regular radio transmissions began in Austria (October 1, 1924). QSL via the bureau.

-[425DXN # 1715 March 16, 2024] (0315-0405)

OK, CZECH REPUBLIC. In celebration of World Amateur Radio Day (April 18th), Martin, OK1RR and Slavek, OK1TN will be active as **OL1WARD** on **April 1st-30th**. They will operate CW only on the HF bands. QSL via LoTW; paper cards will not be available.

-[425DXN # 1715 March 16, 2024] (0329-0503)

ON, BELGIUM. Special event stations **OR24WARD** and **OP24WARD** will be active on all bands and modes on **April 1st-30th** in celebration of World Amateur Radio Day (April 18th). A certificate will be available, see <https://www.uba.be/en/hf/awards/uba-awards>. QSL via [ClubLog's OQRS](#), or via eQSL.

-[425DXN # 1715 March 16, 2024] (0329-0503)

OZ, DENMARK. In celebration of World Amateur Radio Day, a number of Danish stations will be signing **SPØWARD/xx** with different suffix extensions **on April 18th**. An award will be available, see <https://www.qrz.com/db/5p0ward> for information. QSL via [ClubLog's OQRS](#) and LoTW, or via [OZ1ACB](#).

-[425DXN # 1717 March 30, 2024] (0412-0419)

OZ, DENMARK. Stefan, DL7AOS will be active holiday style as **5P5K** from Romo Island (EU-125) from **March 23rd to April 6th**, possibly including an entry in the CQ WW WPX SSB Contest (March 30th-31st). He will operate SSB and digital modes on 80-6 meters. QSL via [DL7AOS](#) and LoTW.

-[425DXN # 1714 March 9, 2024] (0322-0405)

PA, NETHERLANDS. To mark the 75th anniversary of the North Atlantic Treaty Organization (April 4, 1949), special event stations **PA75OTAN** and **PA75NATO** will be active on **April 1st-19th** and **April 20th-21st**, respectively. A certificate will be available, see <https://www.qrz.com/db/PA75NATO> for information. QSLs via [ClubLog's OQRS](#), LoTW, eQSL, or via the bureau.

Additionally, during the weekend of **April 20th-21st**, several other special stations are expected to be QRV from various Cold War locations in the Netherlands: **PA6KLD**, **PA75BBGB**, **PA75GOLF**, **PA75HS**, **PA75KLE**, **PA75KOC**, **PA75NAVO**, **PA75NN**, **PA75NSG**, **PA75PARE**, **PA75PBV**, **PA75YP**, **PC75NAVO**, **PD75SAS**, **PE75NATO**, **PG75NAVO** and **PH75NATO**. (<https://pa60cuba.nl/pa75navo-zendstations/>).

-[425DXN # 1717 March 30, 2024] (0329-0426)

PA, NETHERLANDS. Laurens, PF3X and Barry, PC1K will be active as **PA24WAAD** from **March 23rd to April 7th** for the World Autism Awareness Day. QSL via [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1716 March 23, 2024] (0322-0412)

PJ7, SINT MAARTEN. Ken, KJ9B, operates as **PJ7KB** from **March 30th to April 6th**. QRV mostly on FT8. He also plans to visit the Great Bay National Park (POTA SX-0001). QSL via [KJ9B](#), LoTW.

-[DXNL # 2399 March 27, 2024] (0329-0405)

PY, BRAZIL. Amauri, PP5BB, operates as **PV5B** **until the end of March** from Sao Francisco Island (SA-027). QSL via [PP5BB](#).

-[DXNL # 2398 March 20, 2024] (0322-0405)

PZ, SURINAME. Ren, PY8WW will be QRV as **PZ5TW** **until April 6th**. Activity is on the HF bands using CW, SSB, and various digital modes. This includes being an entry in the CQ WW WPX SSB Contest (March 30th-31st). QSL to [PY8WW](#).

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

SØ, WESTERN SAHARA. Station **SØ1WS** has been active on 10 meters using CW around 1730 to 1800z, and then later on 12 meters using SSB. QSL via [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0412)

SP, POLAND. Special callsign **SN55DIG** will be used by Adam, SQ9S **until the end of the year** to celebrate the 55th anniversary of the Diplom Interessen Gruppe. See <https://diplom-interessen-gruppe.info/> for information about the DIG. All QSOs will be confirmed automatically via the bureau.

-[425DXN # 1715 March 16, 2024] (0315-0405)

TA, TURKEY. In celebration of World Amateur Radio Day, members of TRAC Izmir will be active as **TC3WRD** from **April 1st to 30th**. A certificate will be available, see <https://tadx.org/awards>. QSL via LoTW.

-[425DXN # 1717 March 30, 2024] (0329-0503)

V2, ANTIGUA & BARBUDA. Bud, AA3B is QRV as **V26K** from Antigua, IOTA NA-100, **until April 3rd**. Activity is on the HF bands with an emphasis on CW. This includes being an entry in the CQ WW WPX SSB Contest (March 30th-31st). QSL to [AA3B](#), LoTW.

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

V4, ST. KITTS & NEVIS. N2NT, K5ZD, and HA1AG operate as **V47NT**, **V4/K5ZD**, and **V4/HA1AG** respectively from **March 26th to April 2nd**. QRV during the CQ WW WPX SSB Contest (March 30th-31st) as **V47T**. QSL for all calls via [W2RQ](#) or LoTW.

-[DXNL # 2399 March 27, 2024] (0329-0405)

V4, ST. KITTS AND NEVIS. Pete, GØTLE will be QRV as **V4/GØTLE** from St. Kitts (NA-104) from **March 23rd to April 6th**. Activity will be holiday style on 40 to 10 meters using CW and SSB. QSL via LoTW, or to [GØTLE](#).

-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0405)

VE, CANADA. Celebrating the 100th anniversary of the Royal Canadian Air Force, from **April 1st to 30th** amateur radio operators across Canada will be operating special event stations with special callsigns such as **VC3RCAF** and **VE3RCAF** (Ontario), **VC9RCAF** and **VE9RCAF** (New Brunswick), **VE2RCAF** (Quebec), **VE5RCAF** (Saskatchewan), **VE6RCAF** (Alberta), **VE7RCAF** (British Columbia), **VO1RCAF** (Newfoundland), **VY2RCAF** (Prince Edward Island). QSL via operators' instructions.

-[425DXN # 1717 March 30, 2024] (0329-0503)

VP5, TURKS & CAICOS IS. John, AF3K, Ross, W2TT, and Mitch, KH6M are QRV as **VQ5P** from Providenciales, IOTA NA-002, **until April 2nd**. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4. This includes being an entry in the CQ WW WPX SSB Contest (March 30th-31st). QSL via [N2OQ](#), LoTW.

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

VP6, PITCAIRN I. Gerben PG5M will be active as **VP6G** from Pitcairn Island (OC-044) on **April 4th-14th**. He will operate CW and FT8 on 40-10 meters: "I will run two stations (if antenna situation permits), primarily CW and additionally FT8 using MSHV", he says. See <https://dx.to/vp6g/> for more information. QSL via [MØOXO's OQRS](#) and LoTW.
-[425DXN # 1711 February 17, 2024] (0329-0419)

XE, MEXICO. A group of operators are QRV as **4A5D** from Maria Madre Island, a possible new IOTA, **until March 30th**. Activity is on 20, 15, and 10 meters using SSB and FT8. It is also POTA MX-0171. QSL via [EA5GL](#) and LoTW.
-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0405)

XW, LAOS. Vincent, **XW4KV** is QRV from Vang Vieng **until June 1st**. Lately he has been active on 15 meters using FT8 around 1100z. QSL via [F4BKV](#).
-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0602)

YJ, VANUATU. Matt KØBBC, Luke VK3HJ, Chris VK3QB and Alan VK6CQ will be active as **YJØVK** from Efate (OC-035), Vanuatu from **March 29th to April 11th**. They will be QRV on 40-6 meters, with a focus on SSB and CW during the first week, while during the second week they will concentrate on CW and FT8. QSOs will be uploaded to ClubLog. Bookmark <https://www.qrz.com/db/YJØVK> for updates. QSL via [MØOXO's OQRS](#).
-[425DXN # 1711 February 17, 2024] (0329-0412)

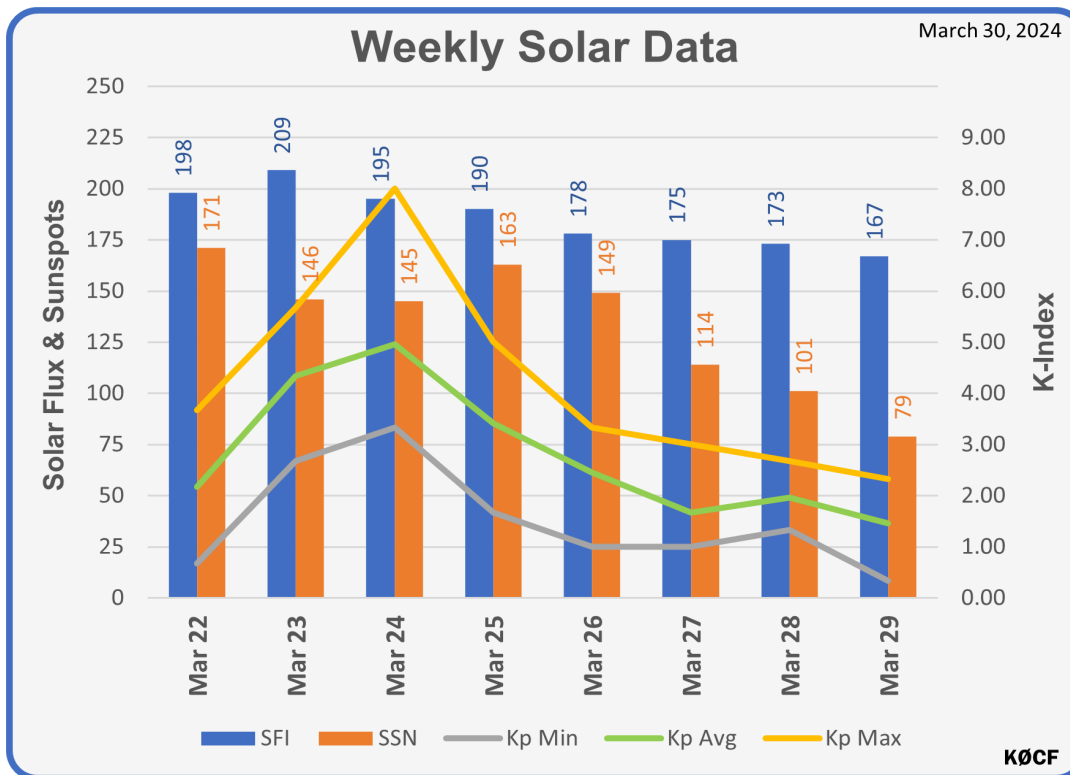
YO, ROMANIA. Celebrating the 95th anniversary of the first amateur radio association in Romania's Arad County, special callsigns **YR95AR, YR95CC, YR95CH, YR95IN, YR95LI, YR95PE** and **YR95SE** will be active from **February 16th until May 31st**. The event is being organized by C.S. Radioclub Admira (YO2KBQ), the successor of the club that was established almost a century ago. See <https://www.qrz.com/db/YR95AR> for more information.
-[425DXN # 1711 February 17, 2024] (0216-0531)

Z6, REPUBLIC OF KOSOVO. Boris, S53BB, remains active as **Z68BB** **until April 1st** from Pristina. More info at <https://www.qrz.com/db/Z68BB>. QSL via [EA5GL](#), ClubLog (no LoTW).
-[DXNL # 2398 March 20, 2024] (0322-0405)

ZC4, UK SOVEREIGN BASE AREAS ON CYPRUS. Adrian, GØKOM will be active as **ZC4MK** from **March 26th to April 2nd**, including an entry in the CQ WW WPX SSB Contest (March 30th-31st). QSL via LoTW, [ClubLog's OQRS](#), or via [GØKOM](#).
-[425DXN # 1713 March 2, 2024] (0322-0405)

ZD7, ST HELENA. Torsten, DL9GG, remains active as **ZD7GG** **until March 31st** on 160-10m (CW with a straight key, some SSB) with 100W. QSL via [DL9GG](#), eQSL.
-[DXNL # 2399 March 27, 2024] (0329-0405)

Propagation (Updated daily)



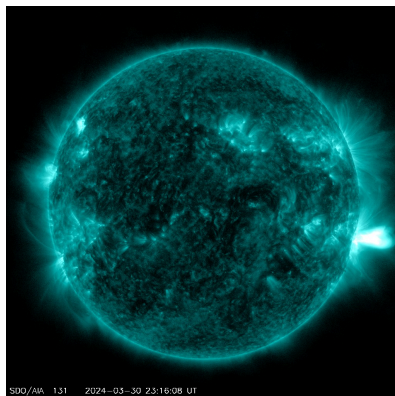
The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.



Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!

Propagation Summary

For the 8 day period from Friday, March 22nd through yesterday, March 29th.

The average solar flux was 184, up 11 points from the previous week, with a weekly high

of 209 on Saturday, March 23rd, followed by a low of 167 on March 29th.

The average sunspot count was 128, up 9 from last week, peaking at 171 on Friday, March 22nd followed by a weekly low of 79 on March 29th.

The Planetary K-index weekly average was 4.2 with a maximum of 8.0 on Sunday, March 24th, resulting in severe geomagnetic storm conditions.

Solar flare activity since March 23rd has been nearing historic levels with 32 major flares, the largest of which was a major X 1.1 event on Thursday, March 28th.

Propagation Data

Major solar flares, Saturday, March 23rd through 2302 UTC, March 30th.

#	Date	UTC	Mag.
1	Mar 30	2116	M 9.4
2	Mar 29	1934	M 1.2
3	Mar 29	1838	M 0.9
4	Mar 29	0230	M 3.2
5	Mar 28	2056	X 1.1
6	Mar 28	1556	M 6.1
7	Mar 28	0629	M 7.0
8	Mar 27	0641	M 1.1
9	Mar 27	0144	M 1.1
10	Mar 26	2158	M 1.6
11	Mar 26	1346	M 1.7
12	Mar 26	1043	M 1.3
13	Mar 26	0036	M 1.8
14	Mar 25	0644	M 4.4
15	Mar 24	1313	M 1.3
16	Mar 24	0751	M 1.4
17	Mar 24	0606	M 2.2
18	Mar 24	0218	M 2.7
19	Mar 24	0125	M 1.4
20	Mar 23	2350	M 2.4
21	Mar 23	1651	M 2.8
22	Mar 23	1522	M 3.7
23	Mar 23	1453	M 1.5
24	Mar 23	1402	M 5.3
25	Mar 23	1352	M 5.2
26	Mar 23	1337	M 1.9
27	Mar 23	1311	M 1.2
28	Mar 23	1247	M 1.3
29	Mar 23	0738	M 3.1

30	Mar 23	0709	M 2.4
31	Mar 23	0655	M 1.1
32	Mar 23	0133	X 1.1

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Mar 30	75%	25%	165
Mar 31	75%	25%	150
Apr 1	5%	1%	145

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on March 25, 2024).

Date	Flux	Kp
Mar 30	190	2
Mar 31	180	2
Apr 1	175	2
Apr 2	175	2

Date	Flux	Kp
Apr 3	170	4
Apr 4	180	4
Apr 5	185	4
Apr 6	190	2

Date	Flux	Kp
Apr 7	190	2
Apr 8	185	2
Apr 9	180	3
Apr 10	175	3

Highs for Cycle 25

Solar Flux: 234 on January 15, 2023.

Sunspots: 227 on July 11, 2023.

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.net/>

<https://dx.qsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters.

However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC	End	Web Site
K1USN Slow Speed Test	Monday	0000Z 0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z 1400Z	Rules
	Monday	1900Z 2000Z	
	Tuesday	0300Z 0400Z	
CWops Test (CWT)	Wednesday	1300Z 1400Z	Rules
	Wednesday	1900Z 2000Z	
	Thursday	0300Z 0400Z	
	Thursday	0700Z 0800Z	
Weekly RTTY Test	Friday	0145Z 0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z 0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000Z is Sunday at 6:00 PM in the Central time zone.

Full Calendar

Contest	Start	End	Web Site
CQ WW WPX Contest, SSB	Mar 30 0000Z	Mar 31 2400Z	Rules
Louisiana QSO Party	Apr 6 1400Z	Apr 7 0200Z	Rules
SP DX Contest	Apr 6 1500Z	Apr 7 1500Z	Rules
JIDX CW Contest	Apr 13 0700Z	Apr 14 1300Z	Rules
New Mexico QSO Party	Apr 13 1400Z	Apr 14 0200Z	Rules
Georgia QSO Party	Apr 13 1800Z	Apr 14 2359Z	Rules
Holyland DX Contest	Apr 19 2100Z	Apr 20 2100Z	Rules
YU DX Contest	Apr 20 0700Z	Apr 21 0659Z	Rules
CQMM DX Contest	Apr 20 0900Z	Apr 21 2359Z	Rules
Michigan QSO Party	Apr 20 1600Z	Apr 21 0400Z	Rules

Ontario QSO Party	Apr 20	1800Z	Apr 21	1800Z	Rules
ARRL Rookie Roundup, SSB	Apr 21	1800Z	Apr 21	2359Z	Rules
10-10 Int. Spring Contest, Digital	Apr 27	0001Z	Apr 28	2359Z	Rules
SP DX RTTY Contest	Apr 27	1200Z	Apr 28	1200Z	Rules
Helvetia Contest	Apr 27	1300Z	Apr 28	1259Z	Rules
Florida QSO Party	Apr 27	1600Z	Apr 28	2159Z	Rules
10-10 Int. Spring Contest, CW	May 4	0001Z	May 5	2359Z	Rules
7th Call Area QSO Party	May 4	1300Z	May 5	0700Z	Rules
Indiana QSO Party	May 4	1600Z	May 5	0400Z	Rules
Delaware QSO Party	May 4	1700Z	May 5	2359Z	Rules
New England QSO Party	May 4	2000Z	May 5	2400Z	Rules
CQ-M International DX Contest	May 11	1200Z	May 12	1159Z	Rules
His Maj. King of Spain Contest, CW	May 18	1200Z	May 19	1200Z	Rules
Arkansas QSO Party	May 18	1400Z	May 19	0200Z	Rules
Baltic Contest	May 18	2100Z	May 19	0200Z	Rules
CQ WW WPX Contest, CW	May 25	0000Z	May 26	2400Z	Rules
Kentucky QSO Party	Jun 1	1300Z	Jun 2	0100Z	Rules
ARRL Inter. Digital Contest	Jun 1	1800Z	Jun 2	2400Z	Rules
ARRL June VHF Contest	Jun 8	1800Z	Jun 10	0300Z	Rules
Stew Perry Topband Challenge	Jun 15	1500Z	Jun 16	1500Z	Rules
West Virginia QSO Party	Jun 15	1600Z	Jun 16	0400Z	Rules
ARRL Kids Day	Jun 15	1800Z	Jun 15	2359Z	Rules
His Maj. King of Spain Contest, SSB	Jun 22	1200Z	Jun 23	1200Z	Rules
Ukrainian DX DIGI Contest	Jun 22	1200Z	Jun 23	1200Z	Rules
ARRL Field Day	Jun 22	1800Z	Jun 23	2100Z	Rules
RAC Canada Day Contest	Jul 1	0000Z	Jul 1	2359Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]